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1. X Fee Transmittal F	cate for fee processing)			Computer Progr	am (Apper	ndix)				
2. See 37 CFR 1.27				eotide and/or Amino policable, all necess		quence :	Submis	ssion		
3. X Specification (professed arrangement set	[Total Pages 20]		a. [Computer Rea	dable For	m (CRF)			
 Descriptive title 	of the invention		b. S	pecification Sequen	ce Listing	on:				
	e to Related Applications arding Fed sponsored R & D			ι 🔲 CD-RO	OM or CD-l	-R (2 co	pies); c	or		
- Reference to se	equence listing, a table, program listing appendix			ii. paper						
 Background of 	the Invention		c. [Statements ve	erifying ide	entity of	above	copies		
- Brief Summary - Brief Description	of the Invention n of the Drawings (if filed)			CCOMPANYIN	IG APP	LICA	TION	PARTS		
 Detailed Descr 			9.	Assignment P			eet & c	document(s))		
- Claim(s) - Abstract of the	Disclosure		10.	37 CFR 3.73(\mathbf{x}	Power of Attorney		
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4. X Drawing(s) (35 U.S	. C. 7/3) (Total Sileets]]	1''''⊱	Information [[تح]	Coples of IDS		
5. Oath or Declaration	[Total Pages 2]]	12.	Statement (II			A	Citations		
a. X Newly execu	ited (original or copy)		13. Preliminary Amendment							
a. X Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)				14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)						
	ON OF INVENTOR(S)		15.	Certified Con	y of Prio	prity Do	cume	nt(s)		
named in	the prior application, see 37 CFR		16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35							
1.63(d)(2) and 1.33(b).				or its equival	ent.					
6. X Application Data S	heet. See 37 CFR 1.76		17.	Other Bac	kgroun et	id Art	Info	rmation		
18. If a CONTINUING APPLI	CATION, check appropriate box, and	Isupply	the rea							
or in an Application Data Si	neet under 37 CFR 1. 76:							-,,		
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Box 5b, is considered a part of The incorporation can only	f the disclosure of the accompanying or be relied upon when a portion inac	ntinuatio Ivertently	n or divi	sional application a from the submit	nd is herei ted applic	by Inco	rporate parts.	d by reference.		
	19. CORRESPO	NDENC	E ADD	RESS						
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FEE TRANSMITTAL		Application Number		T				
Flective 01/01/2003. Patent fees are subject to annual revision. Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 790.00		Filing Date	September 16, 2003					
		First Named Inventor	HARUHIKO HORIUCHI	S				
		Examiner Name	UNKNOWN					
		Art Unit		-53				
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Number	1051	130	2051	65	Surcharge - late filing fee or oath	
Deposit Account Name	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
The Commissioner is authorized to: (check all that apply)	1053	130		130	Non-English specification	
X Charge fee(s) indicated below Credit any overpayments		2,520	1812		For filing a request for ex parte reexamination	
Charge any additional fee(s) during the pendency of this application	1904 GOOT 1904 GOOT Dequesting publication of SID prior to					
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to the above-identified deposit account.	1251	110	2251	55	Extension for reply within first month	
FEE CALCULATION	1252	410	2252	205	Extension for reply within second month	
1. BASIC FILING FEE Large Entity Small Entity	1253	930	2253	465	Extension for reply within third month	
Fee Fee Fee Fee Description Fee Paid	1254	1,450	2254	725	Extension for reply within fourth month	
Code (\$) Code (\$) 1001 750 2001 375 Utility filing fee	1255	1,970	2255	985	Extension for reply within fifth month	
1001 750 2001 375 Offitty filing fee 750.00	1401	320	2401	160	Notice of Appeal	
1003 520 2003 260 Plant filing fee	1402	320	2402	160	Filing brief in support of an appeal	
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1) (\$) 750.00	1452	110	2452	55	Petition to revive - unavoidable	
	1453 1,300 2453 650 Petition to revive - unintentional			Petition to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,300	2501	650	Utility issue fee (or reissue)	
Extra Claims below Fee Paid	1502	470	2502	235	Design issue fee	
Total Claims 7 -20** = 0 X = 0	1503	630	2503	315	Plant issue fee	
Independent 1 -3** = 0 X = 0	1460	130	1460	130	Petitions to the Commissioner	
	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806	180	Submission of Information Disclosure Stmt	
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.00
1202 18 2202 9 Claims in excess of 20 1201 84 2201 42 Independent claims in excess of 3	1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each additional invention to be	
1204 84 2204 42 ** Reissue independent claims over original patent	1801	750	2801	375	examined (37 CFR 1.129(b)) Request for Continued Examination (RCE)	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802	900	1802	900	Request for expedited examination of a design application	
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SUBMITTED BY Registration No. (Attorney/Agent) 28458 Glenn, J. Perry Telephone (703) 905-2161 September 16, 2003

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